

Pancreas

Chapter 7

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New Terminology			
Combining Form	Meaning	Example	Meaning of New Term
Chol/e	Bile, gall	Cholecystitis	Inflammation of the gallbladder
Cholecyst/o	Gallbladder	Cholecystectomy	Excision or removal of the gallbladder
Choledoch/o	Common bile duct	Choledocholith	Stone of the common bile duct
Duoden/o	Duodenum	Duodenoscopy	Visual exam of the duodenum
Gastr/o	Stomach	Gastralgia	Pain of the stomach

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New Terminology			
Combining Form	Meaning	Example	Meaning of New Term
Lapar/o	Abdomen, abdominal wall	Laparoscope	Instrument used to view inside the abdominal cavity
Pancreat/o	Pancreas	Pancreatitis	Inflammation of the pancreas
Pept/o	Digestion	Peptic	Pertaining to digestion
Phag/o	Eating, swallowing	Phagocyte	Eating cell (type of WBC)

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Pancreas

- Retroperitoneal organ
- Unencapsulated
- Distinct lobulated appearance
 - Long & narrow
 - Posterior to stomach
 - Lies transversely at an oblique angle
 - Between duodenum & splenic hilum

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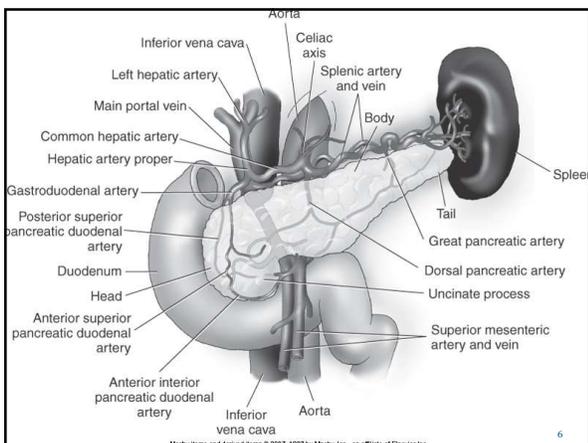
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Pancreas

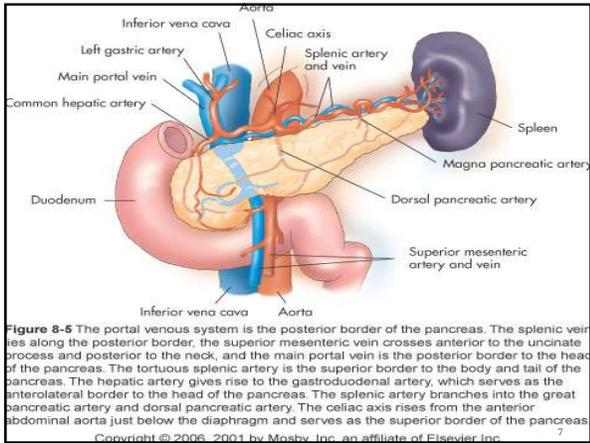
- Divided into
 - Head
 - Uncinate process
 - Medial and posterior extension of the head
 - Neck
 - Body
 - Tail

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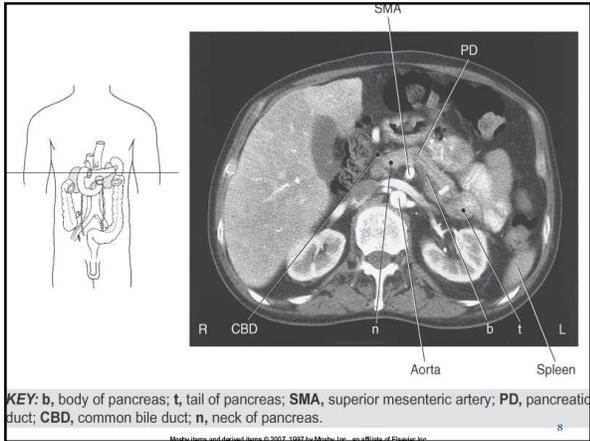
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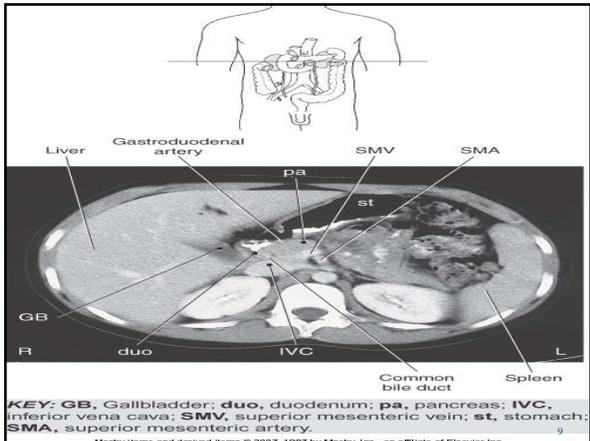
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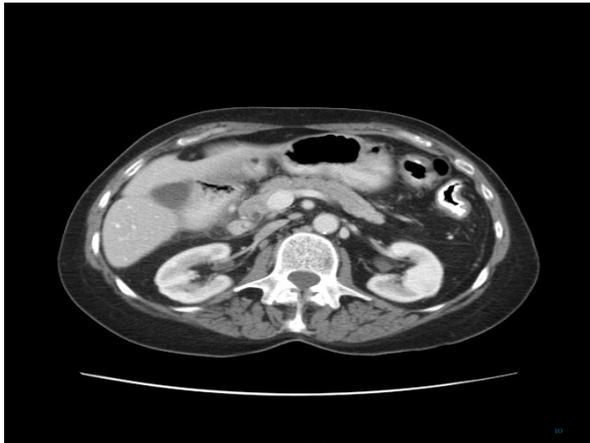
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Pancreatic Neck

- Constricted portion
- Portal Splenic Confluence
 - Lies posterior to neck
 - Where the following converge to form the PV
 - Superior Mesenteric Vein (SMV)
 - Splenic Vein (SV)

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Pancreatic Body

- Largest
- Most anterior portion
- Anterior to:
 - Aorta
 - Superior Mesenteric Artery (SMA)
- Splenic Vein runs posterior to body

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Pancreatic Tail

- Extends into the left anterior pararenal space
- Anterior to left kidney
- Ends at the splenic hilum

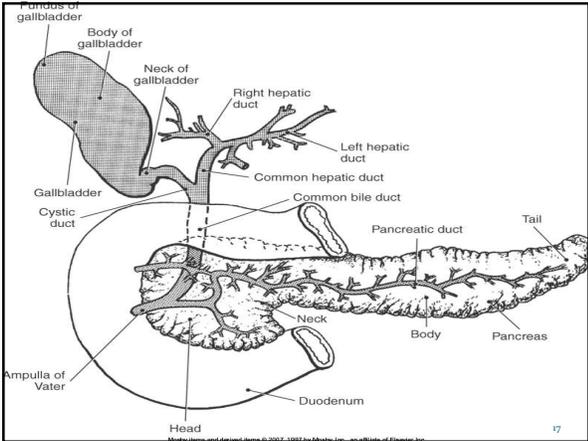
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Duct of Wirsung

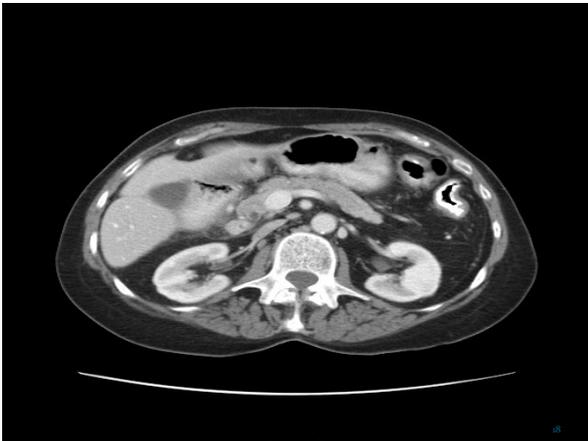
- Main pancreatic duct
- Begins in the tail
- Runs the length of the pancreas
- Joins with the CBD to the ampulla of Vater
 - AOV - sm. opening in the duodenum
 - Then empties into the duodenum through the sphincter of Oddi
 - SOO - Circular muscle fibers that guard the ampulla of Vater

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Pancreatic Vasculature

- **Arterial – Branches of**
 - Celiac Axis
 - Superior Mesenteric Arteries (SMA)
- **Venous**
 - Drains from pancreas into the PV via
 - SMV
 - SV

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Pancreas

<https://youtu.be/7CobVxOgCJo>

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